Application No.: 09/741,912
Preliminary Amendment
Reply to Office Action dated January 13, 2005
July 13, 2005

AMENDMENT TO THE SPECIFICATION

Please substitute the paragraph beginning at page 5, line 18 and ending at page 6, line 4 to read as follows:

-- If there is a deviation in the throughputs of the process A and the process B, it is necessary to complete both the processes A and B within one frame period T as shown in FIG. 3 unless the process A and the process B are made parallel ~~as shown in FIG. 3~~. FIG. 4 shows a flow of the processing in the case where parallel processing is employed when the processing amount of the process A is double the processing amount of the process B. In this case, first, the process A [1] is performed for the input frame signal [1] in the processing device A, taking the period T, as shown in FIG. 4. In the next frame period, the process A [2] is performed for the input frame signal [2] in the processing device A, taking the period T. In this frame period, the process B [1] is performed for the signal which exists after the process A [1] is finished in the processing device B, taking the period T/2. --